

Title (en)
METHOD AND A CORRESPONDING SYSTEM FOR SECURELY ACCESSING AT LEAST ONE FEATURE OF A CHIP

Title (de)
VERFAHREN UND ENTSPRECHENDES SYSTEM ZUM SICHEREN ZUGRIFF AUF MINDESTENS EIN MERKMAL EINES CHIPS

Title (fr)
PROCÉDÉ ET SYSTÈME CORRESPONDANT PERMETTANT D'ACCÉDER À AU MOINS UNE CARACTÉRISTIQUE D'UNE PUCE EN TOUTE SÉCURITÉ

Publication
EP 3842976 A1 20210630 (EN)

Application
EP 19306767 A 20191224

Priority
EP 19306767 A 20191224

Abstract (en)
A method 40 for securely accessing at least one chip 14 feature comprises:- a) applying, by a device 12, a first predetermined cryptographic operation(s) 46 or 48, to a data sequence;- b) sending 410, to the chip, the cryptogram;- c) verifying 414, among data received by or within the chip, whether a predetermined trigger signal is present, the trigger signal allowing to notify the chip to launch an application of a second predetermined cryptographic operation(s) to the received cryptogram;- d) applying, only if the trigger signal is present, the second cryptographic operation(s) 416 or 418, to the received cryptogram;- e) obtaining the received data sequence;- f) verifying 422 whether the data sequence includes a predetermined pattern; and- g) authorizing 424 access to the at least one chip feature, only if the data sequence includes the pattern.

IPC 8 full level
G06F 21/60 (2013.01); **G06F 21/64** (2013.01); **G06F 21/72** (2013.01); **G06F 21/81** (2013.01)

CPC (source: EP)
G06F 21/606 (2013.01); **G06F 21/64** (2013.01); **G06F 21/72** (2013.01); **G06F 21/81** (2013.01)

Citation (applicant)
WO 2019120991 A1 20190627 - GEMALTO SA [FR]

Citation (search report)

- [X1] WO 2013023065 A1 20130214 - QUALCOMM INC [US], et al
- [AD] EP 3502912 A1 20190626 - GEMALTO SA [FR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3842976 A1 20210630; WO 2021129961 A1 20210701

DOCDB simple family (application)
EP 19306767 A 20191224; EP 2020076940 W 20200925